

RESTORE FILE

This is probably the most useful utility program ever made for the VZ200/300. After running out this program and typing in new, start typing in a program. Now type in new to erase the memory; type in PRINT USR(0) and *hey presto* your program is back in memory. This program is excellent if you're the type of person who gets angry with their programs.

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1 I=31058

10 DATA 21,E9,7A,36,01,E5,CD,F8,1A,E1,7E,FE,00,28,0A,23,3E,FF,DC
20 DATA 20,F5,ED,C8,20,F1,23,7E,FE,00,20,EB,23,7E,FE,00,20,EB,23
30 DATA 22,F9,78,3E,00,FE,00,CD,7A,1E,C3,66,00,END
40 READ#1:IF#="END"THENPOKE30862,82:POKE30863,121:END
50 A=ASC(A#)-48:IFA>9THENA=A-7
60 B=ASC(B#)-48:IFB>9THENB=B-7
70 POKE1,A#16+B:I=I+1:GOTO40

YCB8 1988 p 88.

51 bytes long program loaded into 7952H-7984H (31058-31088)

End of BASIC statement, marked by .null. byte. End of BASIC program 2 x .null. bytes.

HL-reg used as a PST ptr. until 3 x .null. detected. (EOS + EOB).

7952	21 E9 7A	LD HL,7AE9H	Set ptr. to SOB.
55	36 01	LD (HL),1	Put non-.null. (dummy) into SOB.
57	E5	PUSH HL	Save SOB on stack.
58	CD F8 1A	CALL 1AF8H	Line pointers routine. (set SOB ptr.)
5B	E1	POP HL	Restore ptr.
5C	7E	LD A,(HL)	Put byte of PST into A-reg.
5D	FE 00	CP .null.	Is it an EOS .null.?
5F	28 0A	JR Z,LP2	Yes, go check on EOB. .nulls.
79 61	23	INC HL	Bump ptr. to next in PST.
62	3E FF	LD A,FFH	Check for Tom.
64	BC	CP H	Hi byte of ptr.
65	20 F5	JR NZ,LP1	Go back to test PST byte.
67	BD	CP L	Lo byte of ptr.
68	C8	RET Z	Tom (FFFFH) reached. - exit/error.?
69	20 F1	JR NZ,LP1	Go back to test PST byte.
6B	23	INC HL	Bump ptr. to next in PST.
6C	7E	LD A,(HL)	Put byte of PST into A-reg.
6D	FE 00	CP .null.	Is it first EOB .null.?
6F	20 EB	JR NZ,LP1	Go back to test PST byte.
79 71	23	INC HL	Bump ptr. to next in PST.
72	7E	LD A,(HL)	Put byte of PST into A-reg.
73	FE 00	CP .null.	Is it second EOB .null.?
75	20 E5	JR NZ,LP1	Go back to test PST byte.
77	23	INC HL	Bump ptr. to next above PST.
78	22 F9 78	LD (78F9H),HL	Set EOB ptr. to HL addr.
7B	3E 00	LD A,00	Zero A-reg.
7D	FE 00	CP 00	Reset Z-flag.
7F	CD 7A 1E	CALL 1E7AH	CLEAR routine.
79 82	C3 66 00	JP 0066H.	NMI routine, reset, IPL entry to BASIC.